

PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
1919 M STREET, N.W.
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AMTECH SYSTEMS CORPORATION FILES WAIVER REQUEST OF PART 15 SPREAD SPECTRUM FREQUENCY HOPPING REGULATIONS

On April 3, 1996, Amtech Systems Corporation (Amtech) requested a waiver of the spread spectrum regulations under Sections 2.1 and 15.247 of the FCC rules to operate a tag reader system. The proposed system transmits a continuous wave emission that hops to multiple channels. The actual reading of the tag adds information using backscatter modulation as it reradiates the signal. Since the emission from the base unit is not modulated, the system does not appear to meet the definition of a frequency hopping spread spectrum system.

Amtech seeks to operate on an unlicensed basis in the 902-928 MHz band with powers up to 2.4 watts EIRP. The request does not specify the actual transmitter power or antenna gain. This band is allocated for Industrial, Scientific and Medical devices under Part 18 of our rules, for licensed operation by the U.S. Government, for Automatic Vehicle Monitoring Systems under Part 90 of our rules, and for the Amateur Radio Service under Part 97 of our rules. Several types of unlicensed systems also operate in this band.

The Office of Engineering and Technology (OET) is reviewing the request to determine whether a waiver of the rules should be granted. OET seeks comments from interested parties concerning this request and notes that similar issues related to the spread spectrum rules are being considered in ET Docket No. 96-8.

Interested parties filing comments or oppositions to this petition are invited to do so no later than May 20, 1996. Parties filing replies may do so by June 4, 1996.

The full text of the waiver request is available for inspection and copying during normal business hours in the FCC Reference Center (Room 239), 1919 M Street, N.W., Washington, D.C., and also may be purchased from the Commission's duplication contractor, International Transcription Service, (202) 857-3800, 2100 M Street, N.W., Suite 140, Washington, D.C. 20037.

For further information concerning this proceeding contact Anthony Serafini at (202) 418-2456, Office of Engineering and Technology, Federal Communications Commission.

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